



Call for Papers

**22nd IEEE/ACIS International Conference on Software Engineering
Research, Management and Applications (SERA 2025)
May 29-May 31, 2025, Las Vegas, Nevada, USA**



SERA 2025 brings together researchers, practitioners, and advanced graduate students to exchange and share their experiences, new ideas, and research results and research-in-progress about all aspects (theory, applications, and tools) of Software Engineering Research, Management and Applications, and discuss the practical challenges encountered and the solutions adopted. There are three submission types (in [IEEE Conference templates](#)):

- Full Paper (up to 8 pages)
- Short Paper (up to 4 pages)
- Posters

Important Dates

Workshop/Special session proposal:	January 10, 2025
Full Paper Submission:	February 21, 2025
Acceptance Notification:	March 21, 2025
Camera-Ready Papers & Registration:	April 18, 2025
Conference Dates:	May 29-May 31, 2025

Conference officers will select outstanding papers for publication in the following journals (www.acisinternational.org):

- International Journal of Networked and Distributed Computing (IJNDC), Springer, Germany
- International Journal of Software Innovation (IJSI), IGI Global, U.S.A.
- International Journal of Big Data Intelligence and Applications (IJBDIA), IGI Global, USA
- Studies in Computational Intelligence (SCI), Springer, Germany

The conference will cover a broad set of research topics as:

AI and Software Engineering	Software Testing and Analysis
Empirical Software Engineering	Software Requirements, Modeling and Design
Software Security and Privacy	Parallel and Distributed Computing
Data Mining and Knowledge Recovery	Software Evolution and Understanding
Software Engineering Education	Communication Systems and Networks
Blockchain and Smart Contract	Embedded/ Cyber-Physical Systems
Internet of Things (IoT)	Digital Forensics
Software Architecture	SW Architecture Description Language
Software Architecture Styles, Patterns, Views	Object-Oriented SW Engineering with UML
Software Architecture Evaluation	Software Metrics and Measurements
Software Architecture Design Tools	Software Project Management & Evaluation
Software Engineering Tools and Techniques	Agile Development
Web Engineering	Cloud Computing, Edge Computing
Deep Learning Applications	Quantum Computing Algorithms
Health information	Natural Language Processing
Digital Twin	Artificial Intelligence & Big Data Analytics
Algorithms, data structures, and applications	

Best Paper Award

Conference officers will select papers for the Best Paper Award and Best Student Paper Awards. (in order to qualify for the award, the Paper must be presented at the conference.)

Submission Instructions

Authors who are interested in the above topics can submit their unpublished work to SERA 2025 conference via EasyChair. A clear indication of the motivation and comparison with prior related work should be presented. Simultaneous submission to a journal or another conference with refereed proceedings is not allowed.

Submissions must adhere to the following guidelines:

- Papers must be formatted using [IEEE Conference templates](#) file without altering margins or the font point.
- The maximum length is 8 pages for a regular paper and is 4 pages for a short paper (including references).

- Proofs omitted due to space constraints must be placed in an appendix to be read by the program committee members at their discretion.

Publication

SERA 2025 Proceedings will be published by IEEE Conference Publishing Services and will be submitted to be indexed by EI, INSPEC, and DBLP.

Journal publication: Conference officers will select outstanding papers for publication in the following journals:

- **International Journal of Networked and Distributed Computing** ([IJNDC](#)), Paris, France.
- **International Journal of Software Innovation** ([IJSI](#)), IGI Globe, U.S.A.
- **Studies in Computational Intelligence** ([SCI](#)), Springer, Germany.

Organizing Committee

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